

TURCMOS 2022

5. International Turkish Congress on Molecular Spectroscopy
26-27 March 2022 | Online via Zoom



Chair's Message

We cordially invite you to 5th TURCMOS which will be held online (via ZOOM) between 26-27 March 2022 (Saturday & Sunday). The scope of the congress is to encourage the exchange of ideas and future collaborations all around the world, introduce new techniques and instruments, and present recent developments in this field of research.

In TURCMOS 2022, all aspects of spectroscopic methods as well as related computational and theoretical approaches will be considered. Our participants will also have benefit from a broad range of spectroscopy applications. Contacts between young researchers (M.Sc. and Ph.D.) and prominent experts will be particularly stimulated, aiming at the development of future collaborations. We are sure that the congress will provide a stimulating environment for many interesting scientific discussions. This time, we are looking forward to hosting you online where the globe meets.

Ozan Unsalan (Chair for TURCMOS)

Important Dates



Abstract Submission Deadline

15 March 2022



Notification of Acceptance

20 March 2022



Normal Registration Deadline

1 March 2022



Late Registration Deadline

26 March 2022

- Infrared (IR) Spectroscopy
- Raman Spectroscopy
- UV-Visible (UV-Vis) Spectroscopy
- X-Ray Photoelectron Spectroscopy (XPS)
- X-Ray Fluorescence (XRF) Spectroscopy
- Circular Dichroism (CD) Spectroscopy
- Time-Resolved Spectroscopy
- Nuclear Magnetic Resonance (NMR) Spectroscopy
- Electron Spin/Paramagnetic Resonance (ESR/EPR) Spectroscopy
- Mössbauer Spectroscopy
- Fluorescence Spectroscopy
- Microwave Spectroscopy
- Computational Spectroscopy
- Computational Biology/Computational Chemistry/Quantum Chemical Calculations/Molecular Modeling/DFT/ab-initio
- Spectroscopy for Astronomy (IR, Optical, Radio, X-Ray)
- Applied Spectroscopy (Medicine, Forensics, Pharmacy, Archaeology, History of Arts, Cultural Heritage, Biochemistry, Geology, Mineralogy, Environmental and Food Analysis, Biology, Chemistry, Engineering)

Special Issue

Journal of Spectroscopy and Molecular Sciences

After a peer review process, selected papers presented in TURCMOS2022 will be announced where to publish. However, participants would consider publications in a collection of Journal of Spectroscopy and Molecular Sciences publishes in DergiPark by TUBITAK. Details are at: <http://dergipark.org.tr/jsms>

Only papers containing significant new research results and/or critical review material will be considered for publication.

Authors who wish to send their paper/[s] should first register at the link below, then follow the instructions: <https://dergipark.org.tr/login>

Authors could submit their papers before TURCMOS or within one month after the congress. Any queries regarding publication should be directed to Editor-in-Chief, Assoc. Prof. Ozan Unsalan (ozan.unsalan@ege.edu.tr).



TURCMOS2022 is going to be held online due to COVID-19 pandemic.

www.turcmos.com

* TURCMOS, Fen Bilimleri ve Matematik, Sosyal, Beşeri ve İdari Bilimler ve Sağlık Bilimleri temel alanlarında ÜAK tarafından belirlenen tüm öğentlik kriterlerine uygundur.

Invited Speakers



Prof. Dr. Weitao YANG

Duke University, Durham, U.S.A.
"Photoemission and Photoexcitation Spectroscopy from Ground State DFT Calculations"

CV



Prof. Dr. Juergen POPP

Leibniz Institute of Photonic Technology, Germany
"Clinical Biophotonics - from bench to bedside"

CV



Dr. Joaquín BARROSO

Joint Center for Research in Sustainable Chemistry,
Institute of Chemistry from the National Autonomous University of Mexico (UNAM).
"New Perspectives on Excitonic Energy Transference Mechanisms in Photosynthesis"

CV



Prof. Dr. Philippe COLOMBAN

Sorbonne Université, CNRS, MONARIS, Paris, France. (Research Professor, Emeritus)
"Tracing Innovations and Technology Exchanges Between Europe and China. Enamelled objects at the 17th-18th century turn"

CV



Prof. Dr. Parvez HARIS

De Montfort University, Leicester, United Kingdom
"After 86 years of biological infrared spectroscopy, what have we learned"

CV



Prof. Dr. Ramazan AKCAN

Hacettepe University, Ankara, Turkey
"Use of Raman Spectroscopy in Forensic Toxicology"

CV

Scientific Committee*

- Ozan UNSALAN (Ege University, Izmir, Turkey), Congress Chair
- Ramazan AKCAN (Hacettepe University, Ankara, Turkey)
- Mohamed Taieb BEN DHIA (University of Tunis El Manar, Tunisia)
- Kayhan BOLELLI (Ankara University, Ankara, Turkey)
- Tugba ERTAN-BOLELLI (Ankara University, Ankara, Turkey)
- Mustafa BOYUKATA (Yozgat Bozok University, Yozgat, Turkey)
- Zeki BUYUKMUMCU (Erciyes University, Kayseri, Turkey)
- Vasile CHIŞ (Babeş-Bolyai University, Cluj-Napoca, Romania)
- Philippe COLOMBAN (Sorbonne Université, Paris, France)
- Omer DERELI (Necmettin Erbakan University, Konya, Turkey)
- Yusuf ERDOĞDU (Gazi University, Ankara, Turkey)
- Erol EROĞLU (Akdeniz University, Antalya, Turkey)
- Monica FOCŞAN (Babeş-Bolyai University, Cluj-Napoca, Romania)
- Mehmet Tahir GULLUOĞLU (Harran University, Sanliurfa, Turkey)
- Parvez HARIS (De Montfort University, Leicester, United Kingdom)
- Herbert Michael HEISE (University of Applied Sciences of South-Westphalia Interdisciplinary Center for Life Sciences, Iserlohn, Germany)
- Nicolae LEOPOLD (Babeş-Bolyai University, Cluj-Napoca, Romania)
- Thomas MAVROMOUSTAKOS (National and Kapodistrian University of Athens, Athens, Greece)
- Austin NEVIN (The Courtald Institute of Art, London, United Kingdom)
- Michael OSHTRAKH (Ural Federal University, Ekaterinburg, Russian Federation)
- Aline PERCOT (Sorbonne University, Paris, France)
- Angelina POPOVSKA-DOBRICKI (National Institution National Conservation Centre, Skopje, N.Macedonia)
- Igor REVA (University of Coimbra, Coimbra, Portugal)
- Necdet SAGLAM (Hacettepe University, Ankara, Turkey)
- Semran SAGLAM (Gazi University, Ankara, Turkey)
- Rares STIUFIUC (Iuliu Hațieganu University, Cluj-Napoca, Romania)
- György TARCZAY (Eötvös University, Budapest, Hungary)
- Mustafa UNAL (Karamanoglu Mehmet Bey University, Karaman, Turkey)

Organizing Committee*

- Ozan UNSALAN (Ege University, Izmir, Turkey), Congress Chair
- Okan AKTUG (Ege University, Izmir, Turkey)
- Hatice ARI (Yozgat Bozok University, Yozgat, Turkey)
- Irmak AYVAZ (Ege University, Izmir, Turkey)
- Ceren ERTATIS (Ege University, Izmir, Turkey)
- Ceren KAMIL (Ege University, Izmir, Turkey)
- Cisem ALTUNAYAR UNSALAN (Ege University, Izmir, Turkey)
- Berguzar YILMAZ (Ege University, Izmir, Turkey)
- Bekir YURDUGUZEL (Ahi Evran University, Kirsehir, Turkey)

Scientific Correspondence:

Assoc. Prof. Dr. Ozan UNSALAN
Department of Physics, Ege University
35100, Bornova, Izmir, Turkey
e-mail: ozan.unsalan@ege.edu.tr

Congress Secretariat:

LEON CONGRESS
Dr. Ihsan Burak ÇAM
Phone: +9 0532 6639773
e-mail: info@leoncongress.com



TURCMOS 2013



TURCMOS 2015



TURCMOS 2017



TURCMOS 2019